



Permit to Construct or Modify an Air Contaminant Source Issued Pursuant to Tennessee Air Quality Act

Date Issued: December 5, 2014

Permit Number:

969491P

Date Expires: December 4, 2015

Issued To: Phillips & Jordan, Inc.

Installation Address:

2652 North Hwy 92

Jefferson City

Installation Description:

Temporary portable continuous mix plant for producing Roller Compacted Concrete (RCC). The RCC plant will consist of an AccuMix 750 XB continuous mixing pugmill, a 45 ton cement silo, a 50 ton fly ash silo, and a QSC8.3 non-road diesel engine. Control device for silos: Negative pressure fabric filters

Emission Source Reference No.

45-0161-01

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations.

CONDITIONS:

1. The application that was utilized in the preparation of this permit was dated November 24, 2014, and was signed by Gerry Arvidson, Operations Manager for the permitted facility. If this person terminates employment or is reassigned different duties and is no longer the responsible person to represent and bind the facility in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification shall be in writing and submitted within thirty (30) days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the facility in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

TAPCR 1200-03-09-.01(1)(d)

(conditions continued on next page)



TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

NON-TRANSFERABLE

POST AT INSTALLATION ADDRESS

2. Production rate for this facility shall not exceed 30,000 cubic yards of RCC per calendar year. TAPCR 1200-03-09-.01(1)(d) and permit application dated November 24, 2014.
3. The permittee shall monitor and record the concrete production at this facility, in a form that readily assures compliance with Condition 2. The information required in the table below, shall be maintained at the source location and kept available for inspection by the Technical Secretary or his representative. This record shall be retained for a period of not less than two (2) years. 1200-03-10-.02(2)(a)

Month	Production (cubic yards)	Month	Production (cubic yards)	Month	Production (cubic yards)
January		May		September	
February		June		October	
March		July		November	
April		August		December	
Total(s) for calendar year _____					

All data must be entered in the above log no later than thirty (30) days from the end of month for which data is required.

4. Particulate matter emitted from each silo dust collector vent at this source shall not exceed **0.02** grain per dry standard cubic foot (0.2 lb/hr) in accordance with the application dated July 15, 2014, and in accordance with 1200-03-07-.04(1) of Tennessee Air Pollution Control Regulations.
5. Visible emissions from **roads** and **parking areas** shall not exceed ten (**10**) percent opacity utilizing Tennessee Visible Emission Evaluation (TVEE) Method 1, as adopted by the Tennessee Air Pollution Control Board on April 29, 1982, as amended on September 15, 1982 and August 24, 1984, (**2**-minute average).

This condition is established pursuant to the Tennessee Air Pollution Control Rules 1200-03-08-.03.

6. **Fugitive** emissions from this source shall be controlled as specified in Rule 1200-03-08-.01. Specifically, no person shall cause, suffer, allow, or permit fugitive dust to be emitted in such manner to exceed five (**5**) minutes per hour or twenty (**20**) minutes per day as to produce a visible emission beyond the property line of the property on which the emission originates, excluding malfunction of equipment as provided in Chapter 1200-03-20. Fugitive emissions from this source shall be determined by Tennessee Visible Emissions Evaluation Method 4 as adopted by the Tennessee Air Pollution Control Board on April 16, 1986.
7. Visible emissions from this **source** not covered by **Conditions 5 and 6** shall not exhibit greater than twenty (**20**) percent opacity, except for one (**1**) six-minute period in any one (**1**) hour period and for no more than four (**4**) six-minute periods in any twenty-four (**24**) hour period. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (**6**-minute average).

This condition is established pursuant to the Tennessee Air Pollution Control Rules 1200-03-05-.01(1) and -.03(6).

8. Routine maintenance, as required to maintain specified emission limits, shall be performed on the air pollution control device(s). Maintenance records shall be recorded in a suitable permanent form and kept available for inspection by the Division. These records must be retained for a period of not less than two (2) years. TAPCR 1200-03-20-.02(1)
9. Upon the malfunction/failure of any emission control device(s) serving this source, the operation of the process(es) served by the device(s) shall be regulated by Chapter 1200-03-20 of the Tennessee Air Pollution Control Regulations. TAPCR 1200-03-09
10. This source shall comply with all applicable state and federal air pollution regulations. This includes, but is not limited to, federal regulations published under 40 CFR 63 for sources of hazardous air pollutants and 40 CFR 60, New Source Performance Standards. TAPCR 1200-03-09-.03(8)
11. The control device(s) shall operate at all times when the processing and handling equipment operate that are served by the control device. TAPCR 1200-03-09
12. This permit is valid only at this location. TAPCR 1200-03-09-.03(6)
13. This permit supersedes all previous permits for this source. TAPCR 1200-03-09
14. This permit shall serve as a temporary operating permit from initial start-up to the receipt of a standard operating permit, provided the operating permit is applied for within 60 days of the expiration date of this permit, and the conditions of this permit and any applicable emission standards are met. TAPCR 1200-03-09-.02(2) and 1200-03-09-.02(3)
15. This source shall operate in accordance with the terms of this permit and the information submitted in the approved permit application. TAPCR 1200-03-09-.01(1)(d) and the application dated November 24, 2014.

(end of conditions)

The permit application gives the location of this source as Latitude: 36° 09' 27" and Longitude: 83° 30' 41"